

Metal Craft Fire Boat Design Change Request Justifications:

2. Received a credit (#26) for removal of the foam system that included the foam tank. This cost is to place a foam tank on the vessel for use through a simple, more reliable system (Operational Efficiency).
3. Provide a restroom that does not require manual removal of black water (Increase Crew Safety/Operational Efficiency).
4. Restroom that provides the proper level of privacy. (Operational Efficiency/Increase Patient Enhancement)
5. This item is needed to decontaminate divers prior to doffing the protective dry suit. This item is also used to cool down the aft work platform without engaging the fire pump. (Operational Efficiency/Increase Crew Safety)
6. The larger screen will improve visibility of vital information to the Officer in charge of the vessel and crew. (Operational Efficiency)
7. The overhead radio box will provide concealment for rear wiring to the 800 MHz and VHF radios as well as a secure area for the MDT modem. (Operational Efficiency)

A RAM mic at the helm stations will allow the pilot of the vessel to talk on the VHF radio. (Operational Efficiency/Increase in Crew Safety)
8. Increase protection of the bow of the vessel. (Reduce Operating Costs)
9. A dual hatch will allow the crew to access the engine compartment without restricting access from the cabin to the aft platform. The deep gutter will reduce the amount of water that drains into the engine compartment and the removable mullion will allow for removal of larger engine components through the hatch. (Reduce Operating Costs/Increase Operational Efficiency)
11. Provides better use of available space to store extra SCBA bottles. (Operational Efficiency)
12. Needed to secure patient seated or on a backboard. (Crew/Patient Safety)
13. Increase crew safety. (Crew/Patient Safety)
15. Upgrade from manual FLOCS (#14) to electric FLOCS. This will increase ease and speed of maintenance and reduce out of service time. (Reduce Operating Costs)
16. Increase ease of maintenance. (Reduce Operating Costs)
17. Provide earlier detection of a loss of raw water condition. (Crew/Patient Safety)
19. Increase visibility of vessel and decrease the possibility of electrolysis. (Reduce Operating Costs/Increase Crew Safety)

Metal Craft Fire Boat Design Change Request Justifications: Continued

20. Provide better use of available space to properly store equipment. (Operational Efficiency)
21. Increase security and protection from the elements to the electronic equipment located at the aft helm. (Reduce Operating Costs)
22. Increase safety of vessel by increasing operator awareness of conditions when operating from the rear helm. (Crew/Patient Safety)
23. Increase safety of crew and vessel by keeping the pilot aware of engine compartment and aft deck conditions. (Crew/Patient Safety)
24. Increase safety when entering and exiting the lower cabin and increase pump operator stability when operating the pump controls. (Crew/Patient Safety)
25. Increase ease of maintenance. (Operational Efficiency)
27. Ensure operator has needed information on navigation at aft helm. (Crew Safety/Operational Efficiency)
34. Provide better use of available space and proper storage for equipment. (Operational Efficiency)
35. Increase crew safety by increasing visibility and traction of steps. (Crew Safety/Patient Safety)
39. Increase navigation and search & rescue capability. (Operational Efficiency)
40. Provide better use of available space and proper storage for equipment. (Operational Efficiency)
43. Provide better use of available space and proper storage for equipment. (Operational Efficiency)
44. Provide better use of available space and proper storage of controlled medications. (Operational Efficiency)
47. Increase visibility of navigational screens and gauges when outside conditions dictate. (Operational Efficiency/Crew and Patient Safety)
50. Increase the ease of communication with dispatch and ability to verify information transmitted from the call taker. (Operational Efficiency)
51. Increase visibility of rear transom, especially in low light conditions. (Crew and Patient Safety)